

**ADVANCED SUBSIDIARY GCE
PSYCHOLOGY**

2542

Psychological Investigations

THURSDAY 10 JANUARY 2008

Morning
Time: 1 hour

Each candidate must be given:

- (1) one copy of this question paper;
- (2) one 8-page Answer Booklet.

Additional materials: 4-page Answer Booklets may be issued to candidates who require them.



INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **all** the questions.
- Write your answers on the separate answer booklet provided.
- You may use your **Practical Work Folder** when answering the questions.
- At the end of the examination you must attach your **Practical Work Folder** to the back of your answer book.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **50**.
- You will be awarded marks for quality of written communication where an answer requires a piece of extended writing.

This document consists of **4** printed pages.

Answer **all** questions.

Activity A: Questions, self reports and questionnaires.

- 1 Describe how you investigated the aim of your activity. [4]
- 2 Outline **two** improvements that could be made to the way you conducted your activity. [4]
- 3 Suggest how **each** of these improvements could affect the validity of your results. [6]

Activity B: An observation.

- 4 Outline the aim of your observation. [2]
- 5 Outline **two** findings in relation to your aim. [4]
- 6 (a) What is meant by reliability in observational research? [2]
(b) Explain how you could make your observation more reliable. [4]

Activity C: Collection of data to investigate the difference between two conditions.

- 7 State the **null** hypothesis for your investigation. [3]
- 8 Sketch a fully labelled summary of your results in an appropriate visual display. [3]
- 9 (a) Outline the conclusion that you reached in relation to your hypotheses. [3]
(b) Explain how you analysed your data in order to reach this conclusion. [3]

Activity D: Collection of data involving two independent measures and analysis using a test of correlation.

- 10** Describe the sampling method used to select the participants for this activity. [2]
- 11** Outline **one** strength and **one** weakness of this sampling method. [4]
- 12 (a)** Suggest an alternative sample of participants that may have been used for your investigation. [2]
- (b)** Explain how using this alternative sample of participants might affect your results. [4]

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